

Country REST API

This is a REST API project that includes JWT Token Authentication, Pagination, and Filtering features. It does not use any database and is built using Java 17 and the following technologies:

Using Into this Project

- 1.IntelliJ IDEA
- 2.Postman
- 3.Maven Porject
- 4.java 17
- (i did not use any database)

following technologies:

- Spring Security for Authentication
- JWT Token for Access Control
- RestTemplate for making external API calls

Running the Project

To run this project, follow these steps:

1. Clone the project to your local machine.
2. Open it in your preferred Integrated Development Environment (IDE), such as IntelliJ IDEA or Spring Tool Suite (STS).
3. Add the project as an existing Maven project in your IDE.
4. The project should automatically download all required dependencies.
5. Try to run the project.

endpoint url

1. Logging In (Getting JWT Token)

- ****Endpoint:**** POST Request - ``localhost:8081/api/credential/login``
 - ****Request Body:json**
 - {
 - "username": "deepak123",
 - "password": "deepak"
 - }
 - or
 - {
 - "username":"kumar123",
 - "password":"kumar"
 - }
- (i add to user only)
- It will return a JWT token.

2. Get Country by country name

Endpoint: GET Request `-localhost:8081/api/country/{name}`
like:`-localhost:8081/api/country/eesti`

{name}-pass country name

Authorization: Choose "Bearer Token" and pass the token obtained during login.
If the token is valid, it will return the result.

3. Getting All Country Details by Filter and Pagination

Endpoint: GET Request - **localhost:8081/api/country/filter/{field-name}/{sortOrder}/{page}/{pageSize}**

like :- localhost:8081/api/country/filter/languages/asc/1/10
field-name-> languages,area,population
sortOrder->asc,desc

For ascending order, use "asc" for sortOrder.

For descending order, use "desc" for sortOrder.

Authorization: Choose "Bearer Token" and pass the token obtained during login.
If the token is valid, it will return the result.

Or

Alternatively, you can also use form-data in the request body with the following parameters:

Endpoint: GET Request -> **localhost:8081/api/country/filter**
pass into body form data ->

sortBy: population
sortOrder: asc or desc
page: 1
pageSize: 4

4. Getting All Country Details

Endpoint: GET Request - **localhost:8081/api/country**

Authorization: Choose "Bearer Token" and pass the token obtained during login.
If the token is valid, it will return the result.

Thanks You!